5/3/2011 USER: 2890			9:14:11 AM	\$PRF\$		DOT CANNON DW + 5	1		/ :
USER:2090				S:_Bentley\F	'en_lables\G	DUI_CANNUN_BW. TD	/		
	ST	REAM BL	JFFER EN	CROACHMEN	IT				
	ST The	ean Bui e Contraci	tor is not a	uthorized to	enter into	stream buffers	,except as	discribe	ed in
		Name	Location of	Buffered Stree	ims and State				
		or number	WUIEI S**			Stream Type (Warm/Cold	Butter impacted? (Yes / No)	Butte Variar Reguire	r ice ed?
		of feature)	Alignment	Begin Sta (LT or RT)	End Sta (LT or RT	Water)*	(7 637 140)	nequin	<i>5</i> 0 :
		Pond #2	SR 154	Sta.112+00.00 LT.	Sta. 114+00.0 LT.	0 Warm	Yes	Yes	
		Per enviror Georgia En Distrurband construction orange bar	nmental commiti vironmental Pr ce activities co n.The allowable rier fence ana	ments/requirem otection Divisio onsist of associ e activities con sediment barr	ent, a stream n (EPD) would ated grading sist of contrac ier.	buffer varience (Su be obtained for 13 to exsiting terrain ctor permitted to wo	BV)from 30 feet of str due to full de ork within limi	eam buff epth wider ts of	er. ning
		Stream #8	SR 154	Sta.106+90.00 LT.& RT.) Sta.107+67.0 LT.& RT.	00 Warm	Yes	No	
		Distrurband 7'x7' box c contractor	ce activities co ulvert and inst permitted to w	nsist of associ alllation of 20 ork within an o	iated grading x9' bottomless area of 50 fe	to exsiting terrain culvert. The allowa eet to left and right	due to remova ble activities o of bottomless	l of exist consist of culvert.	ing
SREF15\$ SREF13\$ SREF13\$ SREF13\$ SREF11\$		Stream #5	SR 154	Sta. 110+20.00 RT. Sta. 110+90.00 LT.	Sta. III+55.00 RT. Sta. III+90.00 LT.) Warm)	Yes	Yes	
\$\$\$\$\$\$\$\$ \$		Distrurband double 7'x7 waterlines. to left and	ce activities co " box culvert, i The allowable right of bottor	nsist of associ installation of 2 activities consi mless culvert.	ated grading 28'xll' bottomle st of contracto	to exsiting terrain ess culvert, and stee or permitted to word	due to removo el casings arou k within an al	n of exist und exist rea of 50	ing ing) feet
		Stream #3	SR 154	Sta.Ⅲ+55.00 RT.	Sta.114+00.0 RT.	00 Warm	Yes	Yes	
		A buffer v for demolit	arianace was ion and remov	approved for the alof existing p	he installation pavement, minor	of steel casings ar clearing and grad	ound existing ing activities.	waterline These	<i>ЭS</i> ,
		are the only	/ allowable act	ivities within tl	ne stream buf	fer.			
RE10\$ REF10\$ REF09\$ REF03\$ REF05\$	MOI Rep wat bas eva stu det inc. moi	VITORING bresentativ tersheds of sis of dro luation of dies,cons ermined f rease in s nitoring s	GENERAL ve sampling along the pr along the pr along the pr along the pr along the pr along the sample turbidity for ites are ide	NOTES: may be util roject corrid acteristics,w s as presen rns and eros rease in turb r all waters entified in t	ized on this for have been ratershed sin ted in the sion sedimen idity at the leaving the he table:	s project. The c en carefully evan ize, land disturb projects draina ntation and pollo specified locati site. Approved	characterist luated and ge area ma ution contro ions will be primary and	ics of 1 compar earth wc ps,hydr plans, represe d altern	'he inc ed on ork. Af ology o it has entativ nate re
\$\$ \$\$ \$\$ \$\$							1		
	Monitoring site	Primary or Alternate Site	Location (Sta. and Si	'de)	Offset	Name of Receiving water	Applicable constructic for monito	on stage ring	Sar Typ (Ou Rec Wat
	/.	Primary	STA 107+30	LT&RT 60' 1	LT & 70' RT	Shoal Creek	Stage 8	& 2	Receivi
	2.	Alternate	STA 101+26	RT	120' RT	Shoal Creek	Stage 1 8	× 2	00
	ne site loco MOI See and	e primary es may be ated withi NITORING e Special i Procedu	sire specifi used if ac n the active SAMPLING Provision 16 ires.	ea snoula b ditional sam phase of co METHODS 57 and other	e usea as pling is rec onstruction. & PROCEL contract d	DURES	ing localion if the prima onitoring S	ary sam	Methc
REF 055 REF 055 REF 045 REF 035 REF 035 REF 025 REF 025 REF 025 REF 025 REF 05 REF 05									

discribed in the table below:

Buffer Variance Required?	
Yes	
am buffer. oth widening s of	
No	
of existing onsist of culvert.	
Yes	
of existing nd existing ea of 50 feet	
Yes	
waterlines, ⁻ hese	

om the wrested vegetation. ed vegetation. authorized work areas

ics of the individual compared on the earth work. After aps, hydrology and hydraulic ol plans, it has been representative of the alternate representative

READY MIX CHUTE WAS

The washing of ready-mi. cement concrete is prohibi Regulations and Responsi concrete delivery may be r outside of State water but including shoulders, for a without overtopping the pin the wash-down water has be graded to match the el must be approved by the

Wash-down plans describe Never dispose of wash-do that includes the following accessible to the vehicle and (4) make sure you hav permission or access to have to wash-down into a wheelbarrow or other container and carry the container for transport to a proper disposal site. For additional information, refer to the Georgia Small Business Environmental Assistance Program's" A Guide for Ready Mix Chute/Hopper Wash-down".

STORM DRAIN OUTLET PROTECTION

STATION	OFFSET	PIPE SIZE (FT)	STRUCTURE NUMBER	FLOW RATE (CFS)	VELOCITY (FPS)	T AILWAT ER CONDIT ION (FT)	La LENGTH OF APRON (FT)	WI WIDTH AT HEADWALL (FT)	W2 DOWNSTREAM WIDTH (FT)	d50 RIP RAP SIZE (FT)	D STONE DEPTH (IN)
101+26 RT	120	0.5	N/A	/	3.22	N/A	2.5	1.5	3	0.2	18
103+50 RT	50	1.5	C-3	8.58	6.58	N/A	20	30	30	0.3	18
108+57 LT	62	1.5	E-2	1.46	7.70	N/A	9	4.5	10.5	0.3	18
116+00 RT	42	4	DITCH	8.22	4.47	N/A	13	12	17	0.3	18
116+37 LT	41	4	DITCH	8.68	4.08	N/A	13	12	17	0.3	18
12+04 RT	56	2	D-3	//	5.37	N/A	13	6	15	0.4	18
12+60 RT	63	2	DITCH	13.78	5.37	N/A	13	6	15	0.4	18

DISCHARGES INTO, OR WITHIN ONE LINEAR MILE UPSTREAM OF AND WITHIN THE SAME WATERSHED AS, ANY PORTION OF A BIOTA IMPAIRED STREAM SEGMENT.

All outfalls are either located further than I linear mile upstream or outside of the watershed of an Impaired Stream Segment that has been listed for criteria violated,"Bio F" (impaired Fish Community) and/or "Bio M" (Impaired Macro invertebrate Community),within Category 4a,4b or 5,and the potential cause is either "NP" (nonpoint source) or "UR" (urban runoff).

RETENTION OF RECORDS

The Department will retain records in accordance with Part IV.F of General Permit GARIOOOO2

ALTERNATE BMP'S

Silt gates are not used as alternatives to conventional BMP's. Silt gates are used as additional BMP's above and beyond what is required.

n stage ing	Sampling Type (Outfall or Receiving Water)	Total Project Size	Drainage Area	Disturbed Area	Warm or Cold water Stream	Appendix B NTU value (outfall Monitoring Only)	Allowable NTU increase (For Receiving Water)	Location Description
2	Receiving Water	5.40 Acres	I.I Sq.Miles	1.39 Acres	Warm	N/A	25	SR 154 20' x 9' Bottomless Culvert
2	Outfall	5.40 Acres	1.41 AC	0.49 Acres	Warm	75	N/A	SR 154 6" PVC Pipe

n. The alternate sampling

ary sampling site is no longer

ampling Methods



	COUNTY	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS			
	COWETA	MSL00-0004-00(406)	/ 37	163			
SH-E x co ited ibili rins uffe w t. In so e levo Pro	H-DOWN USE ON CONSTRUCTION 3-28-// ted on this site. In accordance with standard Specification 107 - Legal bility to the Public, only the discharge "chute" utilized in portland cement insed free of fresh concrete remains. The Contractor shall excavate a pit offers, at least 25 feet from any storm drain and outside of the travel way, wash/pit area. The pit shall be large enough to store all wash-down water i. Immediately After the wash-down operations are completed and after soaked into the ground, the pit shall be filled in, and the ground above shall evation of the surrounding areas smoothed out. Alternate wash down plans Project Engineer.						
e pi own g:(l. bein sve a la	rocedures that prevent wash dow water down a storm drain. Es the pit is located away from c g used for wash-down,(3) the p permission to use the area for pocation which allows for a wash	n water from entering streams and tablish a wash-down water pit location storm drain,stream or river,(2) the hit has enough volume for wash-down wash-down. On some sites,you may no ordown pit. In those cases,the Contraci	rivers. n pit is water, ot have tor may				

REVISION DATES	STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION					
	OFFICE: ROAD AND AIRPORT DESIGN					
	ESPC GENERAL NOTES					
	HAMMOCK ROAD AT SR 154 [10]					